Graftonite - $Fe^{2+}Fe^{2+}_2(PO_4)_2$

Hardness: 5. Cleavage: Distinct/good. Easily soluble in acids, especially HCl. May be photosensitive; when exposed to light may be altered by air, moisture and/or atmospheric pollutants.

References

Mindat: https://www.mindat.org/min-1735.html

Handbook of Mineralogy: https://www.handbookofmineralogy.org/pdfs/graftonite.pdf

King, R. (1985) The care of minerals section 3A: The curation of minerals. Journal of the Russell Society, 1 (3), 94–113. https://www.mindat.org/jrs/JRS%20Vol%2001-3.pdf

Nash, K. in Howie, F., Ed. (1992) The Care and Conservation of Geological Material, 138 p. Routledge, London.

Pearl, R. (1982) Cleaning and Preserving Minerals, Fifth Revised Edition, 87 p. Earth Science Publishing Company, Colorado Springs.

Rohner, T. (2000) Properly clean minerals online cleaning book. www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.